

give a general idea of what may be possible with the complete control of forces so closely connected with the cohesive as we have reason to know and believe the magnetic and diamagnetic above all else to be. In fact, do we not already know that by electro-magnetic power the cohesive, or at least the adhesive, force of two connected series of iron particles, for instance, may in a moment, and but for a moment, or for any given series of moments, be temporarily and utterly paralyzed, although so intense as to be incapable otherwise of being torn asunder by a mechanical force equivalent to tons in weight? Let him who is ever ready to scoff where mist alone appears in his own foresight, see that his ready-made sneering apparatus be not screwed up the wrong way for right working in the present instance.

#### NOTES IN THE PROVINCES.

**Grantham.**—We lately announced an intention to erect a corn exchange here. There are now two parties prepared to erect corn exchanges.

**Lincoln.**—The Lincoln Gas Company have just declared a half-yearly dividend of 10 per cent. and the company have repaid the bank upwards of 2,060*l.* in two years.

**Hilgay.**—In the new chapel of ease on the Ten-mile Bank, Hilgay Fen, a font has been erected of Caen stone, with eight Purbeck marble shafts, forming an octagon in the Early English style of architecture. The shaft is diapered: the bowl is varied on each alternate side, the one having an arcade, the other a head carved within a quatrefoil, under a trefoil arch, the subjects being a knight, priest, queen, and bishop. The spandrels are full of foliage, cut in high relief; and above is the legend, "Suffer little children to come unto me, for of such is the kingdom of heaven." The font is by Wm. Lawrie, of Downham Market.

**Bedford.**—The Wesleyan chapel at Bedford has been enlarged and considerably improved, with much greater accommodation for the poor, and was re-opened on the 18th inst.

**Chertsey.**—On Easter Tuesday the new town-hall and market-house, lately erected here, was inaugurated. The building is in the Italian style, from a design by Mr. George Briand, of London. It is formed of red bricks and Caen stone, and has a frontage of 54 feet next the street, with a depth of 48 feet within the walls. The basement consists of an open market, with offices attached. Above is the town-hall, measuring 51 feet by 30 feet, attached to which are two retiring or committee rooms, with galleries over them. The hall is lighted with gas by two bronze eight-light chandeliers, from Messrs. Benjamin Smith and Co. of Birmingham. The total cost, with the fittings, will be about 1,600*l.* The builder was Mr. George Lee, of Chertsey.

**Edenbridge.**—On Easter Monday the foundation-stone of a new district church, to be dedicated to the Most Holy Trinity, at Markbeach, near Edenbridge, Kent, was laid by Mr. J. G. Talbot. It is to be of the Early English style, and will be built and endowed at the sole cost of the Hon. J. C. Talbot. Mr. Brandon is the architect.

**Truro.**—Mr. C. E. Giles, architect, says a local paper, has just been engaged in a rather perilous piece of business, viz. making a survey of the tower of St. Mary's Church, previous to its undergoing a little renovation. Mr. G. had to be suspended in mid-air in a kind of basket, by means of pulleys.

**Plymouth.**—A commodious guard-house is to be erected in the Gun-wharf forthwith. As the estimates are passed, we may now soon expect to see the rebuilding of the Devonport barracks undertaken. The range of buildings will be three stories in height, and extend from the corner opposite the Royal Engineers' Office to the head of Fore-street, occupying the garden and grounds behind, almost in a line with the back of St. Aubyn Chapel. The barracks are to accommodate two battalions of infantry, and are estimated to cost 100,000*l.* out of which 10,000*l.* have been voted for the current year.—*Plymouth Times.*

**Llandderog.**—The foundation-stone of a National School-room was laid on Wednesday

week. The site was given by Mr. J. L. Puxley, near the old parish church, on the road from Carmarthen to Swansea. Mr. Puxley has also contributed towards the erection.

**Whitford.**—On Easter-Monday the foundation-stone of a new church was laid at Gorsedd, in the parish of Whitford, Flintshire, by the Hon. E. M. Lloyd Mostyn, M.P. and the Lady Harriet Mostyn. This is the second of the two churches to be built in this and the adjoining parish in lieu of the one erected by Lord Fielding at Pantass, and transferred by him to the Roman Catholics. The land for the Gorsedd church and burial-ground, school, &c. has been presented by the Hon. E. M. L. Mostyn. The other church (in Holywell parish) will, it is expected, be ready for consecration by the autumn. It is intended to build a school and parsonage in connection with both churches, if the funds can be obtained.

**Slough.**—The name of Slough is intimately associated with the rise of our wonderful railway system, just as the names Rugby, Swindon, Crews, &c. are; nevertheless a stupid attempt is being made to ignore this really now celebrated name by the substitution of "Upton-Ville," preferred by some of the Sloughites. The magistrates and gentry of this rising town have very properly set their faces against such an unwise change.

**Birmingham.**—A sum of 2,000*l.* was subscribed at the Jewish Passover towards the erection of a new synagogue in Birmingham.

**Stockport.**—The new Market Hall, built by Mr. Samuel Bann, jun. from the designs and under the direction of Mr. J. Stevens, of Macclesfield, and Mr. G. B. Park, of Manchester, at a cost of upwards of 4,000*l.* is now completed. The façade is 36 feet wide, executed in Yorkshire stone. The hall is fitted up, on each side of it, at the extreme end, with stalls for the sale of particular articles of consumption. The area is covered by a semi-circular roof of corrugated iron, 21 feet from the pavement to its base, with lights in the crown.

**Warrington, Lancashire.**—After a great deal of opposition from a portion of the Town Council, who were in favour of the removal of the market from its present situation, a majority of that body have at length decided (if the necessary funds can be obtained), that the present market-place, which is an open place, containing upwards of 800 square yards available for a covered market, shall be roofed over, and a committee appointed for the purpose have issued an advertisement for plans and specifications necessary for the work.—The contractors for the Warrington and Altrincham Railway have commenced operations on different parts of the line. The most expensive part will be the bridge over the Mersey here, which, after a lengthened discussion between the company, the late Duke of Bridgewater's trustees, and the corporation, is at length decided shall be a flat girder bridge of one span, 8 inches below the crown of the centre arch of the present Warrington Bridge. The line also from Garston and Widnes Docks to Warrington is in rapid progress. A joint station at the "bridge foot" will serve for both of the above lines of railway.

**Glossop.**—A new Grammar School has been erected in place of the old one here at the cost of the Duke of Norfolk. The building, which is of stone, consists of a school-room, ranging east and west, with a transverse building at each end, the length of the whole being 140 feet. The principal room is 92 feet long, 32 feet wide, and 21 feet high, furnished with twenty desks, ten on each side, with an aisle down the centre, where an arrangement is made, by means of a sliding partition, to separate it into a Sunday school for both boys and girls. Externally is a porch, divided into two rooms for the bonnets, hats, &c. The transverse building nearest to the church will be occupied by one of the masters. The building at the west end consists of two rooms, one to be used for girls, and the other as an infant school. On the north side are two yards, fitted with suitable conveniences. The schools are approached through a centre gateway, with a smaller one on each side. The principal frontage is to the south, where a declivity

is covered with a plantation. The buildings are chiefly in the Early English style. The porch is surmounted by a belfry. The cost, exclusive of land, is between 2,000*l.* and 3,000*l.* The building was designed by Mr. M. Hadfield, of Sheffield; and Mr. T. Wagstaff, of Glossop, is the builder.—The Old Hall of Glossop has been taken down, and a new edifice erected in its place.

**Hathersage.**—The parish church of St. Michael was re-opened for Divine worship on the 15th inst. Alterations were commenced about a year ago, the architect being Mr. Butterfield, of London, and the contractors Messrs. Ash and Taylor. The church has been re-roofed and in some parts rebuilt. The whitewash was removed, the outer pillars and buttresses repaired, or renewed, and the interior entirely refitted and embellished. The church has been repewed throughout, with open seats, giving about fifty additional sittings, chiefly for the poorer classes. A stained-glass window has been erected by Wailles, at the east end of the chancel, the centre compartment, at the top, representing the crucifixion, with St. John on the south and the Virgin Mary on the opposite side: the lower compartment represents the Nativity in the centre, with Hannah and Simeon on the sides. The cost of this window has been defrayed by subscriptions collected by Mrs. James Morton. A second stained-glass window, called the vicar's window, has been presented by the Rev. H. Cottingham. A third window, in the south aisle, in which are embodied representations of St. Peter and St. Paul, has been raised by the working classes, whose subscriptions have been collected by the Misses Elliott. At each side of the chancel arch is a scroll-work imitation of Aaron's rod, with the inscriptions, "Blessed are they that hear the word of the Lord, and keep it;" and, "A new commandment I give unto you, that ye love one another." The brasses and tombs of the Eyre family have been cleaned and restored at the expense of the Earl of Newburgh. An organ has been promised by Mr. Eyre, of North Lees. The floor of the church is paved with encaustic tiles manufactured by Messrs. Minton. Improvements have been carried on in the churchyard also. The total cost of the alterations is estimated about 1,575*l.* chiefly raised by private subscriptions.

**York.**—A monument to the memory of Lieutenant-Colonel Oldfield, of the Indian army, has just been erected in the south aisle of the choir of York Minster. The design is of the Italian school. The base is of vein marble, having in the centre a Roman shield and helmet, with cross-swords, inclosed by a wreath. The tablet and upper portion generally is composed of statuary, being surmounted with a combination of military trophies, in the centre of which are the arms of the deceased veteran, emblazoned on a shield. The pilasters are decorated with falls of fruit, flowers, &c. The whole is placed on a ground of Galway black marble. The tablet bears an appropriate inscription.

**Banff.**—The new lodge of St. Andrew's Freemasons, begun about a year ago, is now completed, and was formally opened on Friday week. The building, which is fully described in the *Banffshire Journal*, was erected from a design by Messrs. Mackenzie and Matthews, of Banff, architects. It stands at the south corner of the new street leading through the Castle parks. It fronts Castle-street. The style of architecture is the Palladian. The structure, which is faced with Burntisland freestone, consists of two stories. The ground-floor is in the Roman Doric order, with columns on each side of the principal entrance, and with corresponding pilasters at the subordinate openings. The upper floor, containing the hall, has five windows in front, and one Venetian window at the end. These windows are all of lofty proportions, with fanciful Corinthian pilasters and pediments, supported on pedestals with balustrades between. The whole building is crowned by a cornice projecting 2½ feet from the line of wall, and supported by blocks and trusses, after the manner of the ancient Roman palaces. The